

ABSTRACT OF THE DISCLOSURE

A liquid crystal display device includes a plurality of data lines arranged along a first direction on a substrate, a plurality of gate lines arranged a second direction perpendicular to the first direction on the substrate to define a plurality of pixel regions, each of the gate lines having at least one first set of protrusions and depressions, a driving device within each of the pixel regions, a pixel electrode within each of the pixel regions, and a metal layer overlapping each of the gate lines to create a storage capacitor.